

WHAT IS CLAIMED IS:

1. A motor device comprising:
a base;
a bearing unit fixed to the base;
a core unit including coils provided around cores to be fixed to the base side;
a rotational shaft rotatably supported by the bearing unit;
a rotor fixed to the rotational shaft; and
a magnet fixed to the rotor and opposing the core unit, wherein the bearing unit includes a flange extending along the base, and a spacer disposed on the flange and having an inclined surface, and
wherein the core unit is placed on the inclined surface of the spacer, whereby the core unit is disposed inclined with respect to an upper face of the base.

2. A motor device comprising:
a base;
a bearing unit fixed to the base;
a core unit including coils provided around cores to be fixed to the base side;
a rotational shaft rotatably supported by the bearing unit;

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a rotor fixed to the rotational shaft; and
a magnet fixed to the rotor and opposing the core unit,
wherein the bearing unit includes an individual flange
mating with a bearing at the periphery thereof, the flange
having a bottom surface perpendicular to the rotational
shaft and an upper surface inclined with respect to the
bottom surface, and

wherein the core unit is placed on the inclined upper
surface of the flange, whereby the core unit is disposed
inclined with respect to an upper face of the base.

3. A motor device comprising:

a base;

a bearing unit fixed to the base;

a core unit including coils provided around cores to be
fixed to the base side;

a rotational shaft rotatably supported by the bearing
unit;

a rotor fixed to the rotational shaft; and

a magnet fixed to the rotor and opposing the core unit,

further comprising a positioning member for positioning
the core unit on the base, and a supporting member formed
integrally with the positioning member, wherein the core
unit is disposed inclined with respect to the base by being
supported by the bearing unit and an upper surface of the

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supporting member.

4. A motor device according to Claim 3, wherein the supporting member is supported by the bearing unit at a bottom surface of the supporting member.

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